

Ref. No: HILS/HKD/2022-23/ 83

07th June 2022

To,
The Member Secretary
State Pollution Control Board, Odisha
'Paribesh Bhawan'
A/118, Nilakanthanagar,
Unit- VIII,
BHUBANESWAR - 751 012.

Sub: Biomedical Waste Management Annual report-2021 for Hindalco Health Care Centre Hirakud Complex, Hirakud.

Dear Sir,

Enclosed herewith please find the Biomedical Waste Management annual report -2021 (January-2021 to December-2021) as per the Biomedical waste Management Rules, 2016.

Thanking You,

Yours truly,


Debasish Mallik
Plant Head –Smelter Hirakud

Copy to:
Regional Officer
State Pollution Control Board, Odisha
Plot No. - 1070
Hospital Road,
Modi Para
SAMBALPUR - 768 002

Hindalco Industries Limited

Hirakud Complex, Hirakud - 768 016, District: Sambalpur, Odisha, India

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Registered Office: Century Bhavan, 3rd Floor, Dr. Annie Besant Road, Worli, Mumbai 400 030, India | T: +91 22 6662 6666

Corporate ID No.: L27020MH1958PLC011238

Form - IV
(See rule 13)
ANNUAL REPORT

[To be submitted to the prescribed authority on or before 30th June every year for the period from January to December of the preceding year, by the occupier of health care facility (HCF) or common bio-medical waste treatment facility (CBWTF)]

Sl.No.	Particulars		
1.	Particulars of the Occupier	:	
	(i) Name of the authorised person (occupier or operator of facility)	:	Dr. Subrata Chatterjee.
	(ii) Name of HCF or CBMWTF	:	HINDALCO HEALTH CARE CENTRE.
	(iii) Address for Correspondence	:	HIRAKUD COMPLEX, HINDALCO INDUSTRIES LTD. AT/PO:- HIRAKUD, Dist:- Sambalpur, Odisha, 768016
	(iv) Address of Facility		M/s. Mediaid Marketing Services, Baramunda, Bhubaneswar. In the premises of Rourkela Govt. Hospital Campus, Rourkela, Dist: Sundargarh.
	(v) Tel. No, Fax. No	:	0663-2481307, 0663-2481356
	(vi) E-mail ID	:	
	(vii) URL of Website		
	(viii) GPS coordinates of HCF or CBMWTF		
	(ix) Ownership of HCF or CBMWTF	:	(State Government or Private or Semi Govt. or any other) :Private
	(x). Status of Authorisation under the Bio-Medical Waste (Management and Handling) Rules	:	Authorisation..... No..... Valid up to i)No. 2637 /SPCB/Authorization (Biomedical waste) Date 14.03.2019/ IND-IV-BW-2838 Valid up to 31.03.2024.
	(xi). Status of Consents under Water Act and Air Act	:	Valid up to: No. 4062/IND-I-CON-32 Date; 31.03.2018 Valid up to 31.03.2023
2.	Type of Health Care Facility	:	
	(i) Bedded Hospital	:	No. of Beds:15
	(ii) Non-bedded hospital (Clinic or Blood Bank or Clinical Laboratory or Research Institute or Veterinary Hospital or any other)	:	
	(iii) License number and its date of expiry		
3.	Details of CBMWTF	:	Not Applicable

	(i) Number healthcare facilities covered by CBMWTF	:	Not Applicable			
	(ii) No of beds covered by CBMWTF	:				
	(iii) Installed treatment and disposal capacity of CBMWTF:	:	_____ Kg per day			
	(iv) Quantity of biomedical waste treated or disposed by CBMWTF	:	_____ Kg/day			
4.	Quantity of waste generated or disposed in Kg per annum (on monthly average basis)	:	Yellow Category: 69.807 Kg Red Category: 71.413 Kg White Category: 3.080Kg Blue Category: 4.148 Kg General Solid waste:			
5.	Details of the Storage, treatment, transportation, processing and Disposal Facility					
	(i) Details of the on-site storage facility	:	Size: Not Applicable Capacity: Not Applicable Provision of on-site storage: (cold storage or any other provision): Not Applicable			
	(ii) Disposal facilities		Type of treatment equipment	No of units	Capacity Kg/day	Quantity Treated or disposed (kg/annum)
			Incinerators			During the period of Jan 2021 to Dec 2021, 148.448 Kg of BMW disposed to M/s Mediaid Marketing Services for disposal. Details enclosed for reference.
			Plasma Pyrolysis			
			Autoclaves			
			Microwave			
			Hydroclave			
			Shredder			
			Needle tip cutter or destroyer			
			Sharps Encapsulation or concrete pit			
			Deep burial pits:			
			Chemical disinfection:			
			Any other treatment equipment:			

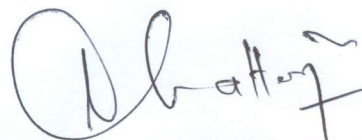
	(iii) Quantity of recyclable wastes sold to authorized recyclers after treatment in kg per annum.	:	Total 148.448 Kg of BMW disposed to M/s Mediaid Marketing Services for disposal									
	(iv) No of vehicles used for collection and transportation of biomedical waste	:	Not Applicable									
	(v) Details of incineration ash and ETP sludge generated and disposed during the treatment of wastes in Kg per annum	:	<table border="0"> <tr> <td></td> <td>Quantity generated</td> <td>Where disposed</td> </tr> <tr> <td>Incineration Ash</td> <td></td> <td>Not Applicable</td> </tr> <tr> <td>ETP Sludge</td> <td></td> <td></td> </tr> </table>		Quantity generated	Where disposed	Incineration Ash		Not Applicable	ETP Sludge		
	Quantity generated	Where disposed										
Incineration Ash		Not Applicable										
ETP Sludge												
	(vi) Name of the Common Bio-Medical Waste Treatment Facility Operator through which wastes are disposed of	:	M/s. Mediaid Marketing Services, Baramunda, Bhubaneswar. In the premises of Rourkela Govt. Hospital Campus, Rourkela, Dist: Sundargarh									
	(vii) List of member HCF not handed over bio-medical waste.	:	Not Applicable									
6.	Do you have bio-medical waste management committee? If yes, attach minutes of the meetings held during the reporting period	:	No									
7.	Details trainings conducted on BMW	:										
	(i) Number of trainings conducted on BMW Management.	:	01									
	(ii) number of personnel trained	:	32									
	(iii) number of personnel trained at the time of induction	:	02									
	(iv) number of personnel not undergone any training so far	:	NIL									
	(v) whether standard manual for Training is available?	:	YES									
	(vi) any other information	:										
8.	Details of the accident occurred during the year	:	NO									
	(i) Number of Accidents occurred	:	NA									
	(ii) Number of the persons affected	:	NA									
	(iii) Remedial Action taken (Please attach details if any)	:	NA.									

	(iv) Any Fatality occurred, details.		
9.	Are you meeting the standards of air Pollution from the incinerator? How many times in last year could not met the standards?		Not Applicable
	Details of Continuous online emission monitoring systems installed		Not Applicable
10.	Liquid waste generated and treatment methods in place. How many times you have not met the standards in a year?		Not Applicable
	Is the disinfection method or sterilization meeting the log 4 standards? How many times you have not met the standards in a year?		Not Applicable
	Any other relevant information	:	

Certified that the above report is for the period from: **JANUARY 2021 to DECEMBER-2021**

Date: 07.06.2022

Place: HIRAKUD



Name and Signature of the Head of the Institution

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Dr. Subrata Chatterjee
MBBS, PGDM, Family Medicine
 Regd. No. 11282
 Assistant Vice President-Medical Services
 Hindalco Industries Limited, Hirakud
 Mob. No. 9887480218
 subrata.chatterjee@adityabirla.com

BIO-MEDICAL WASTE GENERATION**HINDALCO HIRAKUD SMELTER DISPENSARY & HEALTH CENTRE (January-2021 to December-2021)**

MONTH	Sharps Waste (White) in gm	Infectious Quantity (Red) in gm	Human Anatomical Waste (yellow) in gm	Glass Ware (Blue) in gm	Total
Jan-21	186	6258	5843	388	12675
Feb-21	183	5492	5118	293	11086
Mar-21	196	5832	6053	385	12466
Apr-21	273	5320	5855	301	11749
May-21	294	5525	6038	313	12170
Jun-21	280	5801	5677	296	12054
Jul-21	239	6194	5939	320	12692
Aug-21	275	6108	5924	354	12661
Sep-21	247	5945	5723	368	12283
Oct-21	314	5787	5139	348	11588
Nov-21	268	6054	6021	372	12715
Dec-21	325	7097	6477	410	14309
Total	3080	71413	69807	4148	148448